

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,647,564 B2  
APPLICATION NO. : 10/789140  
DATED : January 12, 2010  
INVENTOR(S) : Daryl B. Olander et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, Item (\*) Notice: delete “by 354 days” insert -- by 601 days --.

On the Title Page, Item (56), on page 2, under “Other Publications”, line 11, before “10 pages” insert -- 2006 --.

On sheet 8 of 9, in Figure 8, line 4, delete “Porlet” and insert -- Portlet --, therefor.

In column 1, line 51, delete “at.,” and insert -- al., --, therefor.

In column 7-8, line 4-5, delete “and or” and insert -- and/or --, therefor.

In column 11, line 9, delete “jspservice” and insert -- jspService --, therefor.

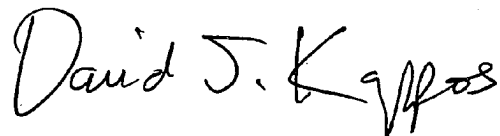
In column 15, line 10, delete “contructor,” and insert -- constructor, --, therefor.

In column 20, line 45, delete “anomolies” and insert -- anomalies --, therefor.

In column 27, line 18, in claim 33, delete ““Dispose”stage” and insert -- “Dispose” stage --, therefor.

Signed and Sealed this

Fourteenth Day of September, 2010

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style.

David J. Kappos  
*Director of the United States Patent and Trademark Office*